

***King County Department of Natural Resources
and Parks,
Wastewater Treatment Division***



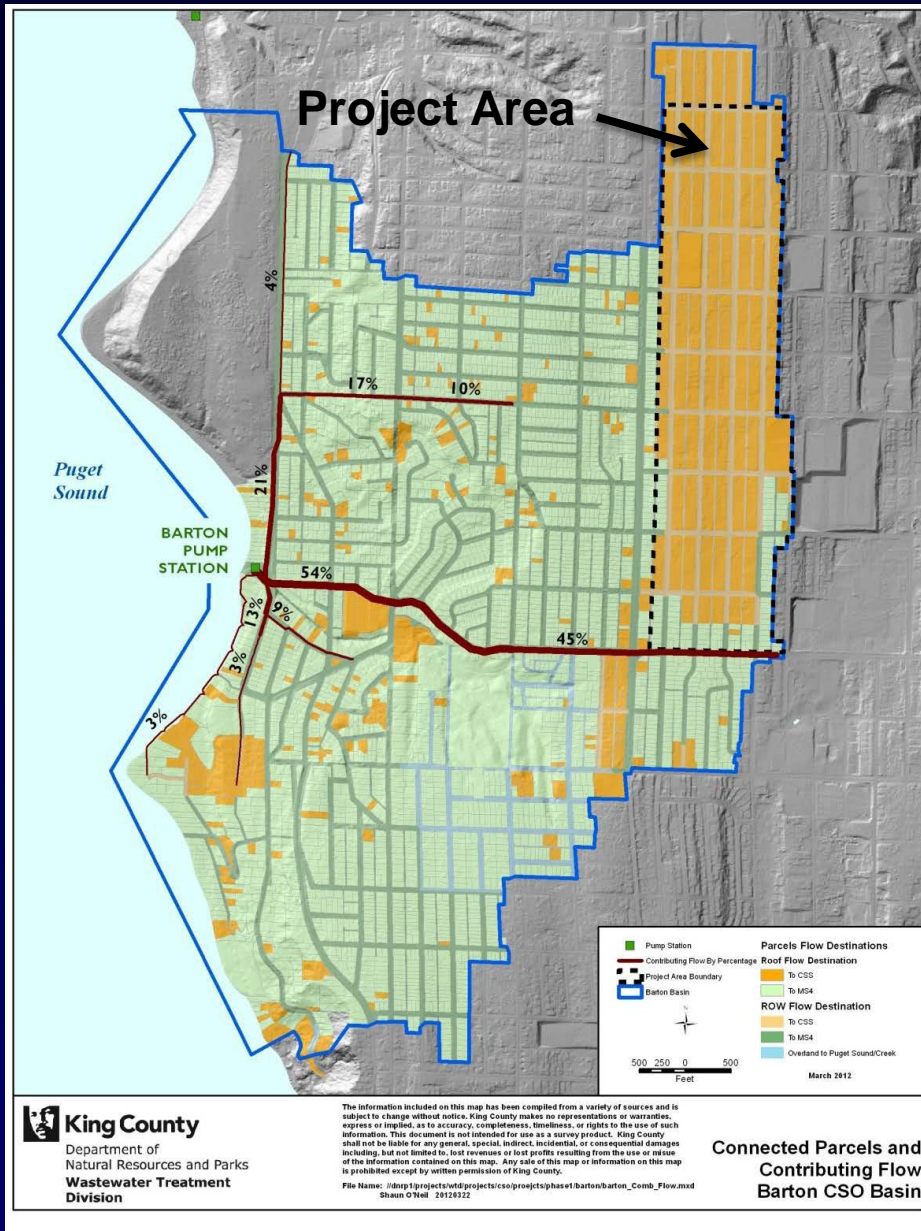
***Barton Combined
Sewer Overflow
Control Project***

August 13, 2013

Project Area

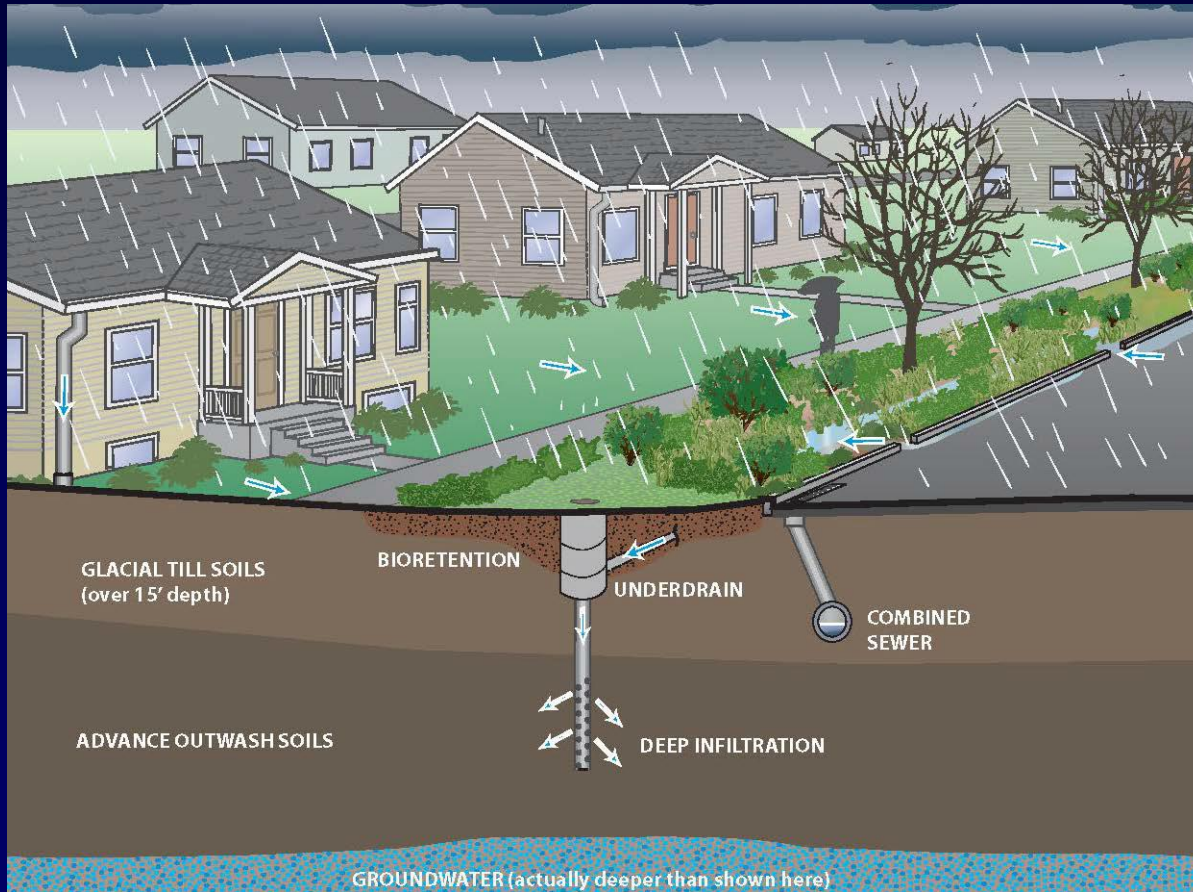


- Barton basin: 1,112 acres
- Project located in Subbasin 416 : 151 acres in Sunrise Heights and Westwood neighborhoods in West Seattle



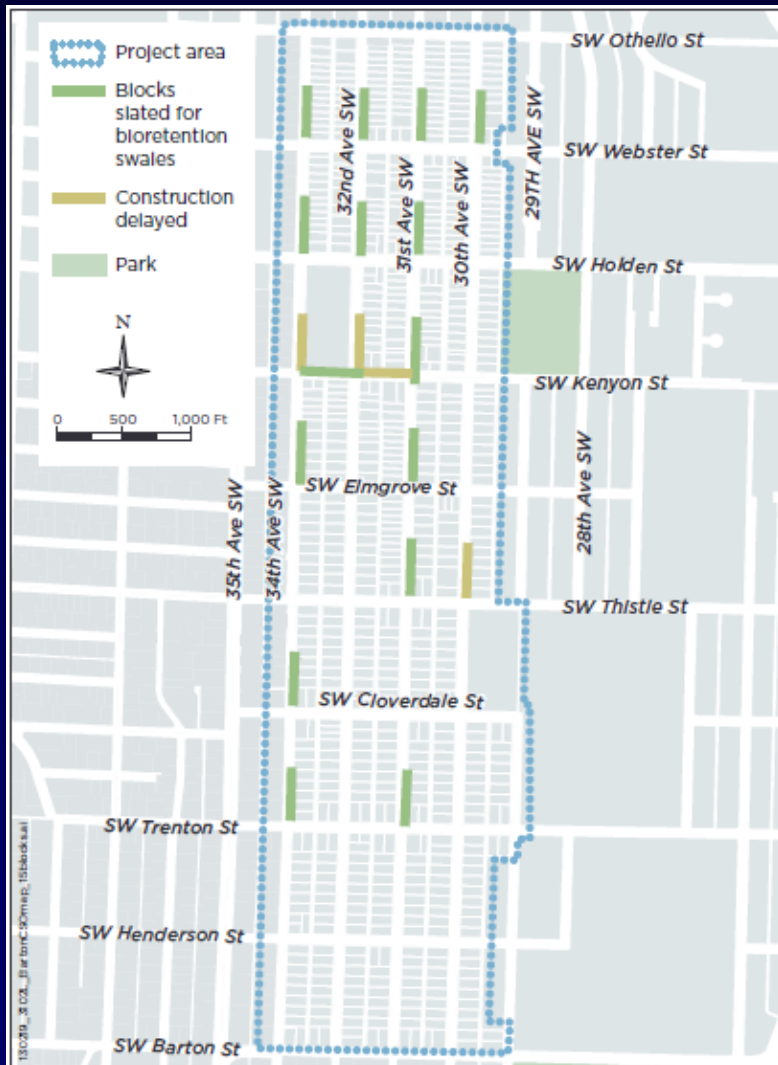
- 45% of the combined sewer flows come from this project area
- Ecology requires no more than one overflow event per year
- 2008 KCWTD averaged 4 events

Green Stormwater Infrastructure (GSI) Design Elements



- Bioretention swales
- Under drains
- Underground Injection Control (UIC) wells

Proposed GSI Project



- Phase I:
 - 93 swale cells
 - 15 UIC wells
- Phase II:
 - Monitor and add 4 sites pending results



After



Before